UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/645,855	08/22/2003	Bandu Wewalaarachchi	496332000300	8137

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MORRISON & FOERSTER LLP
1650 TYSONS BOULEVARD
SUITE 400
MCLEAN, VA 22102

EXAMINER
ZAIDI, SYED

ART UNIT	PAPER NUMBER
2609	

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)
Office Action Summary	10/645,855	WEWALAARACHCHI ET AL.
	Examiner	**Art Unit**	
	Syed Zaidi	2609	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on <u>22 August 2003</u>.

2a) ☐ This action is **FINAL**.   2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) <u>1-11</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) <u>1-11</u> is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☒ The drawing(s) filed on <u>22 August 2003</u> is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some * c) ☐ None of:

      1. ☐ Certified copies of the priority documents have been received.

      2. ☐ Certified copies of the priority documents have been received in Application No. _____.

      3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date <u>02/20/2004</u>.

4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .

5) ☐ Notice of Informal Patent Application

6) ☐ Other: _____ .

DETAILED ACTION

Information Disclosure Statement

The information disclosure statement submitted on 2/20/2004 has

been considered by the Examiner and made of record in the application

file.

Drawings

New corrected drawings in compliance with 37 CFR 1.121(d) are

required in this application because the drawings are hand written and their

quality is not good enough for publication as a potential US patent.

Applicant is advised to employ the services of a competent patent

draftsperson outside the Office, as the U.S. Patent and Trademark Office

no longer prepares new drawings. The corrected drawings are required in

reply to the Office action to avoid abandonment of the application. The

requirement for corrected drawings will not be held in abeyance.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C.

112:

The specification shall conclude with one or more claims particularly pointing out and distinctly
claiming the subject matter which the applicant regards as his invention.

Claims 1-7 are rejected under 35 U.S.C. 112, second paragraph, as

being indefinite for failing to particularly point out and distinctly claim the

subject matter which applicant regards as the invention.

Claims **1, 2, 4, and 5** recites the limitation "said first device" in line 5 of

the claim. There is insufficient antecedent basis for this limitation in the

claim. For the purpose of applying art, "said first device" is being

interpreted by the examiner as "said IP device".

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35

U.S.C. 102 that form the basis for the rejections under this section made in

this Office action:

A person shall be entitled to a patent unless –

> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-11 are rejected under 35 U.S.C. 102(b) as being anticipated

by **Foulkes et al.** (WO 02/30082 A2).

Consider claim 1, Foulkes et al. clearly show and disclose a system

for supporting a website comprising: an IP device (30) located on a public

network (internet), having a public IP address and known port number

(page # 7 line 4 and 5); a second device (IP security server 40) located

outside the public network (page 6 lines 28-29 and page 7 lines 1-

5)(figure 2); wherein a connection exists between said second device and

said IP device, which connection is initiated by said second device (page

7 lines 14-25).

Consider claim 2, and as applied to claim 1 above, **Foulkes et al.**

clearly show and disclose a system wherein, said first device cannot

initiate a connection with said second device because said second device

is not configured to accept communications initiated by other devices

(page 7 lines 14-25 and figure # 5, acknowledges IP client server).

Consider claim 3, and as applied to claim 1 above, **Foulkes et al.**

clearly show and disclose a system wherein, said second device (IP

security server 40) is located on a private IP network with a private IP

address (page 5 lines 8-12, page 7 lines 1-2, 11-13 where class A and

class B are private IP address in a private LAN network).

Consider claim 4, and as applied to claim 3 above, **Foulkes et al.**

clearly show and disclose a system wherein, the communication protocol

between said first device (30) and said second device (IP security server

40) is TCP/IP or application level based on TCP/IP (page 9 lines 10-24

where HTTP is application layer protocol of TCP/IP model).

Consider claim 5, and as applied to claim 1 above, **Foulkes et al.**

clearly show and disclose a system wherein, the communication between

said first device and said second device (IP security server 40) is

encrypted (Authentication process,page 7 lines 27-32 and figure 5).

Consider claim 6, and as applied to claim 1 above, **Foulkes et al.**

clearly show and disclose a system wherein, said second device (IP

security server 40) comprises a memory storing information for

publication or private source data (page 11 lines 14-21) (database 60

figure 4).

Consider claim 7, and as applied to claim 1 above, **Foulkes et al.**

clearly show and disclose a system further comprising a third device

connected to the second device (IP security server 40) through a private

network (page 11 lines 4-12) (figure 4 and 10), said third device (target

server 70linked to database) specify comprising a (data base # 60 figure

4) memory storing information for publication or private source data (page

4 lines 21-33 and page 5 lines 1-12 and page 11 lines 14-21) (database

60 figure 4).

Consider claim 8, **Foulkes et al.** clearly show and disclose a system

for supporting a website comprising an IP device (Network 30) located on

a public network, having a public IP address and known port number

(page 3 lines 6-26, page 6 lines 28-29 and page 7 lines 4-5)) (figure 2

and 7); a second device (IP security server 40) located on a private

network having a responder function with a private IP address and port

number (page 5 lines 8-12 and page 7 lines 1-3) (figure 2); a device

having a memory, storing information for publication or private source

data, located on said private network in communication with second

device (IP security server 40) (page 11 lines 4-12) (figure 4 and 10);

wherein a single connection exists between said second device (IP

security server 40) and said first device (IP device 30), which connection

is initiated by said second device and wherein said first device cannot

initiate a connection with said second device by virtue of said second

devices (IP security server 40, where initialization start when IP security

server 40 acknowledges IP client request) private and dynamic IP

address (page 7 lines 1-5, 10-25 where IP address range 192.168.0.0 –

255.255.255.255 are dynamic because DNS lets user know what IP

address it has been assigned).

    Consider claim 9, Foulkes et al. clearly show and disclose a

method for increasing security for sensitive information or source data

contained in a memory which is used to respond to inquiries directed to a

website by safeguarding the responder function (default response to

client, page 3 lines 6-26 and page 11 lines 14-21), comprising: providing

on a public network an IP device (30) having a public IP address and

known port number (page 6 lines 28-29 and page 7 lines 4-5), said

device having an application that corresponds to the listening function (IP

application 32) of a website (page 9 lines 10-17) (figure 2 and 7);

providing an application corresponding to the responder function of a

website wherein it is isolated from the said IP device (30) (page 9 lines

18-24 and page 12 lines 15-20) (figure 4,7 and 8); responder application

registering itself with the listener and subscribing to receive incoming

requests by initiating a communication channel to the listener as a

communication client (page 9 lines 14-18) (figure 5,6 and 7); listener

receiving a request from a remote application, and sending incoming

requests only to the registered responders (page 9 lines 19-23) (figure 6

and 7); processing requests by the responder application and returning

results to the remote application via listener application (page 9 lines 23-

24) (figure 7,8 and 9).

Consider claim 10, Foulkes et al. clearly show and disclose a

method for increasing security for sensitive information or source data

contained in a memory which is used to respond to inquiries directed to a

website by allowing them to be placed in a private network along with the

responder function (page 11 lines 14-21 and page 3 lines 6-26);

comprising: providing on a public network an IP device having a public IP

address and known port number (page 6 lines 28-29 and page 7 lines 4-

5), said device (IP device) having an application that corresponds to the

listening function of a website (page 9 lines 10-17) (figure 2 and 7);

providing on a private network an IP device (30) having a private IP

address (page 7 lines 4-5) (figure 2 where class A and class B are private

IP address), said IP device having an application corresponding to the

responder function of a website (page 9 lines 10-17); responder

application initiating an outgoing TCP connection to the listener as a

communication client and register itself to receive incoming requests

(page 9 lines 13-14 where HTTP is a TCP/IP model and page 11 lines 4-

8); said listener application receiving a request from a remote application,

and sending incoming requests to the said responder application (page

10 lines 12-20); processing requests by the responder application by

optionally accessing the source data, and returning results to the remote

application via listener application (page 10 lines 17-29 and page 11 lines

4-30) (figure 6 and 7).

Consider claim 11, Foulkes et al. clearly show and disclose a

method for increasing security for sensitive information which is used to

respond to inquiries directed to a website, comprising: providing on a

private network an IP device having a dynamic IP address and port

number (page 3 lines 6-26, page 7 lines 1-3, 10-25 where IP address

range 192.168.0.0 – 255.255.255.255 are dynamic because DNS lets

user know what IP address it has been assigned) (figure 2 and 7), said IP

device having an application corresponding to the responder function

(default response) of a website (page 9 lines 4-24)(figure 7); providing on

a public network a second IP device having a public IP address and

known port number (page 6 lines 28-29 and page 7 lines 1-5) (figure 2),

said device having an application that corresponds to the listening

function of a website (page 9 lines 10-17) (figure 2 and 7); causing the

responder application in said first device (IP client 30) to establish a

connection with said listening application in said second device, said

communication including the IP address for said first device and a port

number for said responder application (page 7 lines 1-5, 7-15 and page 9

lines 21-24) (figure 4 and 7); receiving communications at said second IP

device (IP security server 40) from other IP devices located on said public

network (30) or from devices located on private networks in

communication with said public network (page 7 lines 20-26); transmitting

requests for application relating to said inquiries from said listening

application to said responding application over said connection

established- by said responding said application (page 9 lines 10-24);

processing said request for information by said responder application and

providing a response from said responder application to said listening

application over said connection established by said responder

application (page 10 lines 31-33) (figure 5); and transmitting from said

listening application to said other IP device information relating to said

request (page 11 lines 4-12) (figure 6 and 7).

Conclusion

The prior art made of record and not relied upon is considered pertinent to

applicant's disclosure. **Fangman et al.** (US Patent # 7,068,647 B2)

disclose a system and method for routing packets for IP telephony.

Mousseau et al. (US Patent # 7,107,341 B2) disclose a system for

managing information distribution to a mobile station in communication with

a wireless network include a host service operable to receive data item.

Conclusion

Any response to this Office Action should be **faxed to** (571) 273-8300

or mailed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Hand-delivered responses should be brought to

Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Any inquiry concerning this communication or earlier communications

from the Examiner should be directed to Syed Zaidi

whose telephone number is (571) 270-1779. The Examiner can

normally be reached on Monday-Thursday from 6:30am to 5:00pm.

If attempts to reach the Examiner by telephone are unsuccessful, the

Examiner's supervisor, Rafael Pérez-Gutiérrez can be reached on (571)

272-7915. The fax phone number for the organization where this

application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained

from the Patent Application Information Retrieval (PAIR) system. Status

information for published applications may be obtained from either Private

PAIR or Public PAIR. Status information for unpublished applications is

available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on

access to the Private PAIR system, contact the Electronic Business Center

(EBC) at 866-217-9197 (toll-free) or 571-272-4100.

Any inquiry of a general nature or relating to the status of this

application or proceeding should be directed to the receptionist/customer

service whose telephone number is (571) 272-2600.

Syed Zaidi
S.Z/s.z

April 19 2007.

RAFAEL PEREZ-GUTIERREZ
SUPERVISORY PATENT EXAMINER
4/27/07